

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Original) Method for qualifying a reflective optical element having a free interface at which radiation is reflected

comprising the step of

measuring at various wavelengths and/or various incidence angles of said radiation a reflectance and a photoelectron current induced by said radiation in an area of the free interface resulting in a reflectance curve as a function of wavelength and/or incidence angle wherein said reflectance curve has a wavelength region and/or incidence angle region of maximum reflectance

and in a photoelectron current curve as a function of wavelength and/or incidence angle wherein said photoelectron current curve has a profile within said wavelength region and/or incidence angle region of maximum reflectance.

2-70. (Canceled)